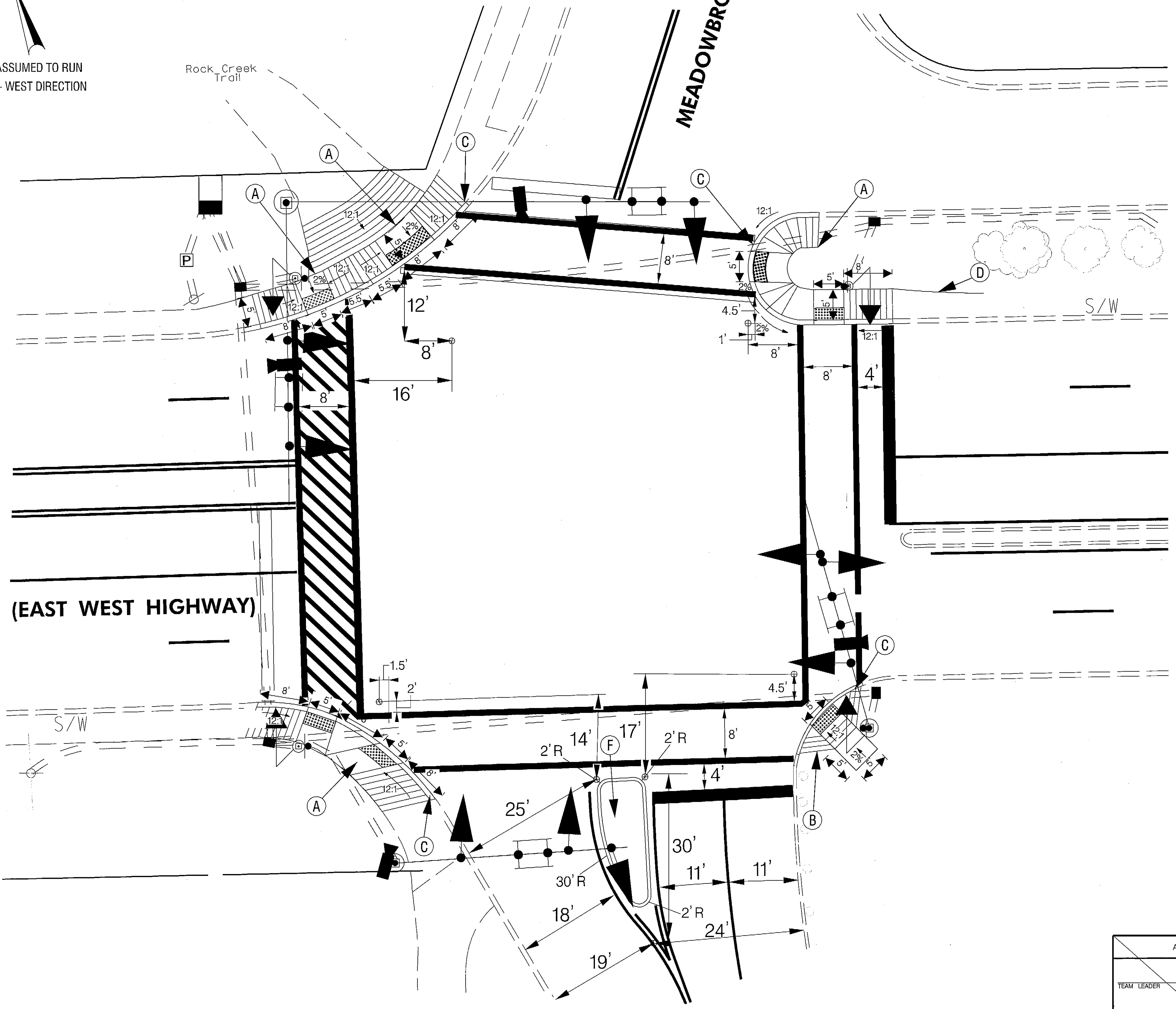


MD 410 IS ASSUMED TO RUN
IN THE EAST- WEST DIRECTION

Rock Creek
Trail

MEADOWBROOK LANE

MD 410 (EAST WEST HIGHWAY)



APS NOTES

1. PUSH BUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' SEPARATION BETWEEN PUSH BUTTONS IS TO BE MEASURED FROM FACE OF PUSH BUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. PUSH BUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSH BUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
5. APS WILL FUNCTION AS FOLLOWS:
TO CROSS MD 410
A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS EAST-WEST AT MEADOWBROOK."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.
6. ALL TRUNCATED DOMES (ON DETECTABLE WARNING SURFACES) ARE TO BE INSTALLED TO ALIGN WITH THE CROSSWALK.

GEOMETRIC CONSTRUCTION DETAILS

- A. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12) WITH DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40)
- B. INSTALL PERPENDICULAR SIDEWALK RAMP (STANDARD NO. MD 655.11) WITH DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40)
- C. INSTALL DEPRESSED STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).AND TIE IT TO EXISTING CURB AND GUTTER.
- D. INSTALL 5 FT. WIDE SIDEWALK AND TIE IT TO EXISTING SIDEWALK.
- E. REMOVE EXISTING CONCRETE SIDEWALK AND REPLACE WITH TOPSOIL, SEED, AND MULCH.
- F. CONSTRUCT ISLAND AS DETAILED. SEE SHEET 1 OF 3 FOR COORDINATION OF THE EXISTING SIGN AND LANDSCAPING

TOD NO:XX445-18
SHA NO:MO206A53/B53
MD 410 @ MEADOW BROOK LA



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION



MD 410 (EAST WEST HIGHWAY) @ MEADOWBROOK LANE
TRAFFIC SIGNAL MODIFICATION

GEOMETRIC PLAN SHEET

SCALE 1"=10' ADVERTISED DATE 01/2009 CONTRACT NO. XX4455185	
DESIGNED BY N.GUPTA	COUNTY MONTGOMERY
DRAWN BY N.GUPTA	LOGMILE 15041002.05
CHECKED BY J. BOJING	TMS NO. 1588
F.A.P. NO.	TOD NO.
TS NO. 2136- C	DRAWING - OF
SHEET NO. 2 OF 3	

APPROVALS	REVISIONS
 TEAM LEADER ASST. DIV. CHIEF DIVISION CHIEF OFFICE DIRECTOR	DI/2009 SHA NO: XX4455185 RECONSTRUCT SIGNAL AND ADD APS/ CPS
	6/2005 TMS NO: 0592 B REPLACE LOOP DETECTION WITH VIDEO CAMERAS SHA NO: A17175185
	JWA 12/86
	A 100% RECONSTRUCT
	DCD SR ETP TH

BAI BRUDIS & ASSOCIATES, INC.
Consulting Engineers
9220 Rumsey Road, Suite 110
Columbia, Maryland 21045
Phone 410-884-3807
www.brudis.com

PLOTTED: Wednesday, March 18, 2009 AT 04:05 PM
FILE: J:\DATA\1588\1588 Package from Consultant\PSG-P002_MD410.dgn

BY: mfkukui